App No.: Not Yet Assigned Docket No.: 09864/0203967-US0 Inventor: Koichiro Morimoto et al. Title: VALVE SEAT FOR ENGINE, METHOD OF MANUFACTURING THE VALVE SEAT, AND CYLINDER

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FIG.1

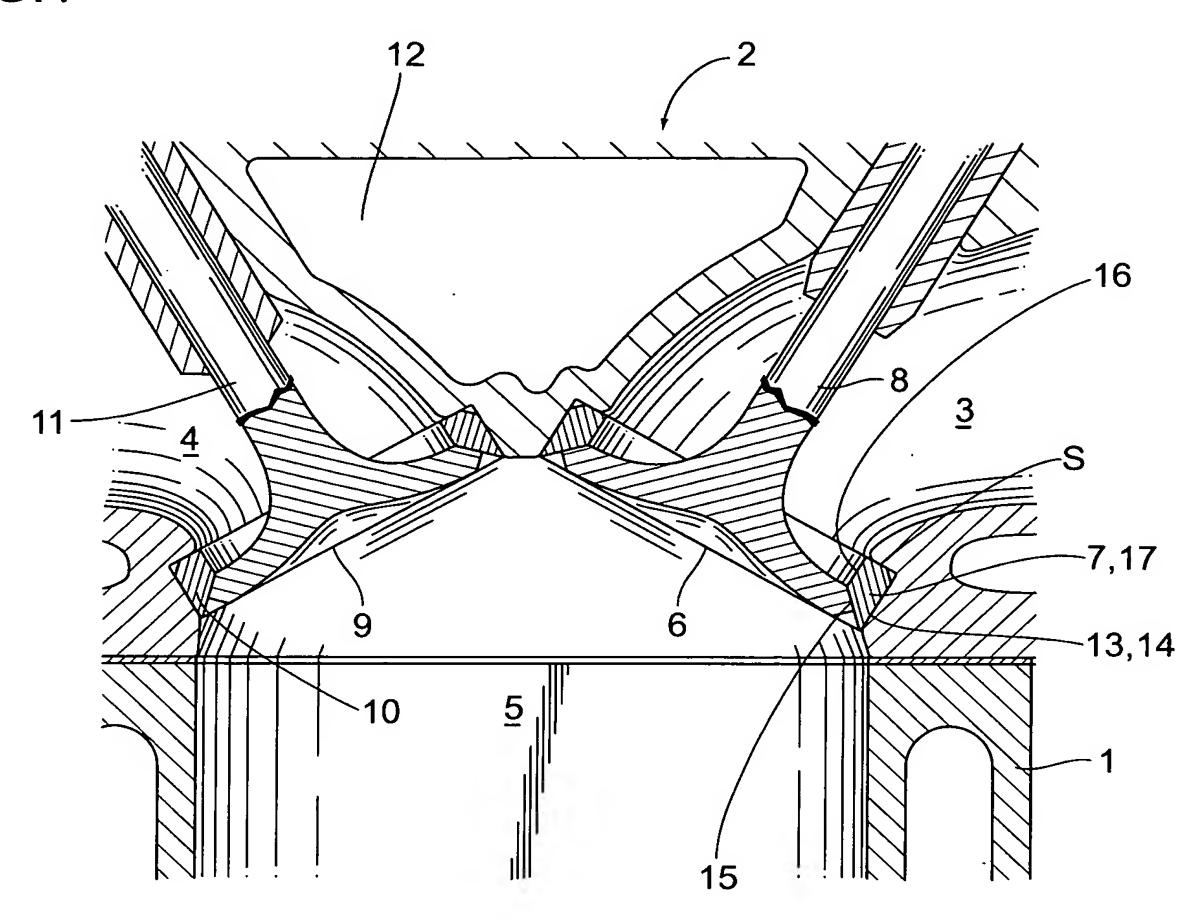
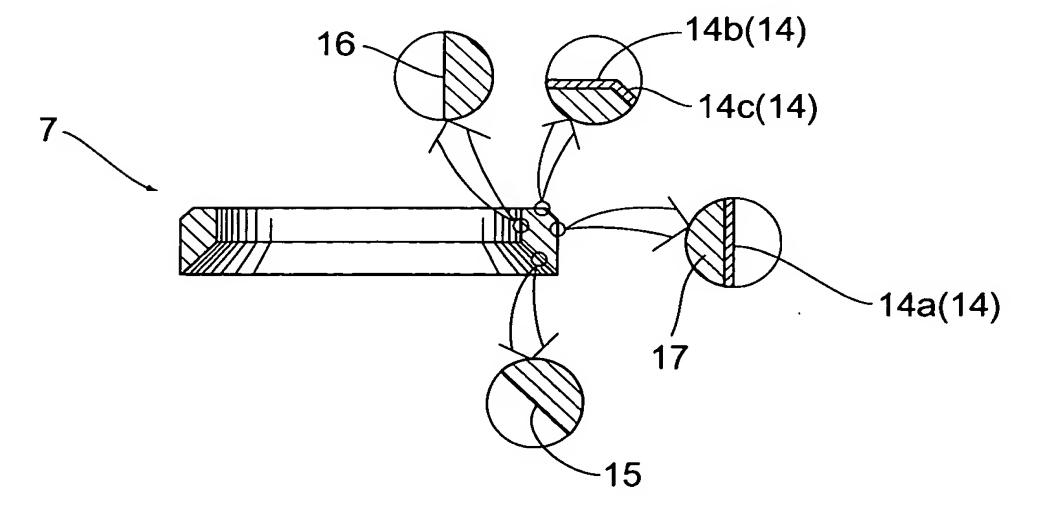


FIG.2



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FIG.3

Standard Electrode Potentials of Metals

Metal	Ion	Ен (V)
K	K+	-2.922
Na	Na++	-2.713
Be	Be++	-1.69
Mg	Mg++	-1.55
Al	AI++	-1.337
Mn	Mn++	-1.000
Zn	Zn++	-0.762
Cr	Cr++	-0.560
Fe	Fe++	-0.426
Cd	Cd++	-0.397
Со	Co++	-0.278
Ni	Ni++	-0.248
Sn	Sn++	-0.146
Pb	Pb++	-0.132
Hydrogen	H+	0.000
Cu	Cu++	0.345
Hg	Hg++	0.792
Ag	Ag+	0.799
Pb	Pb++	0.820
Pt	Pt++++	0.860
Au	Au+	1.500

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FIG.4

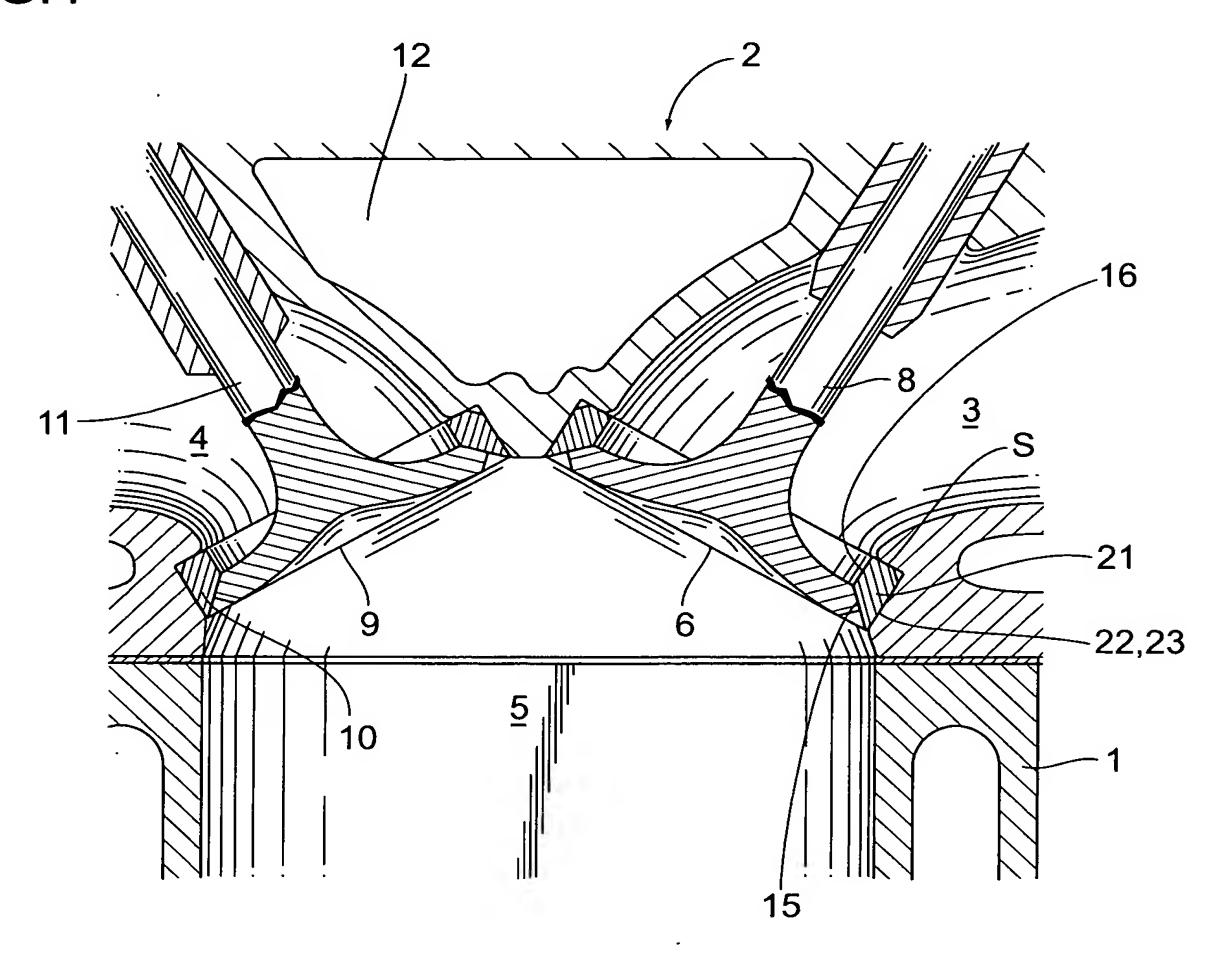
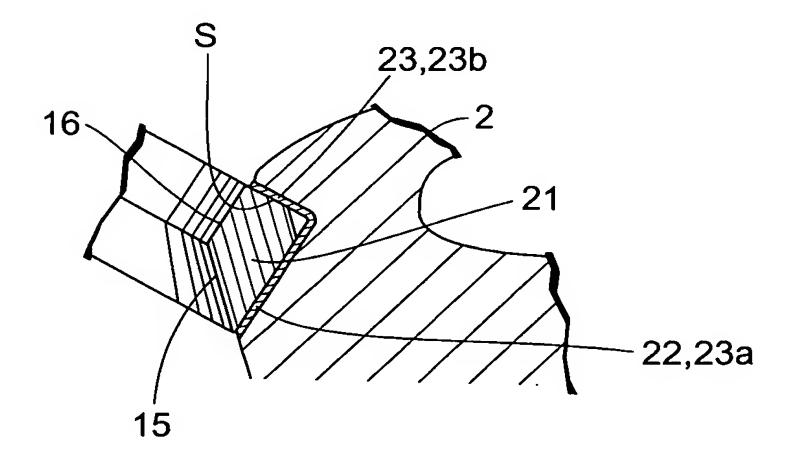


FIG.5



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FIG.6

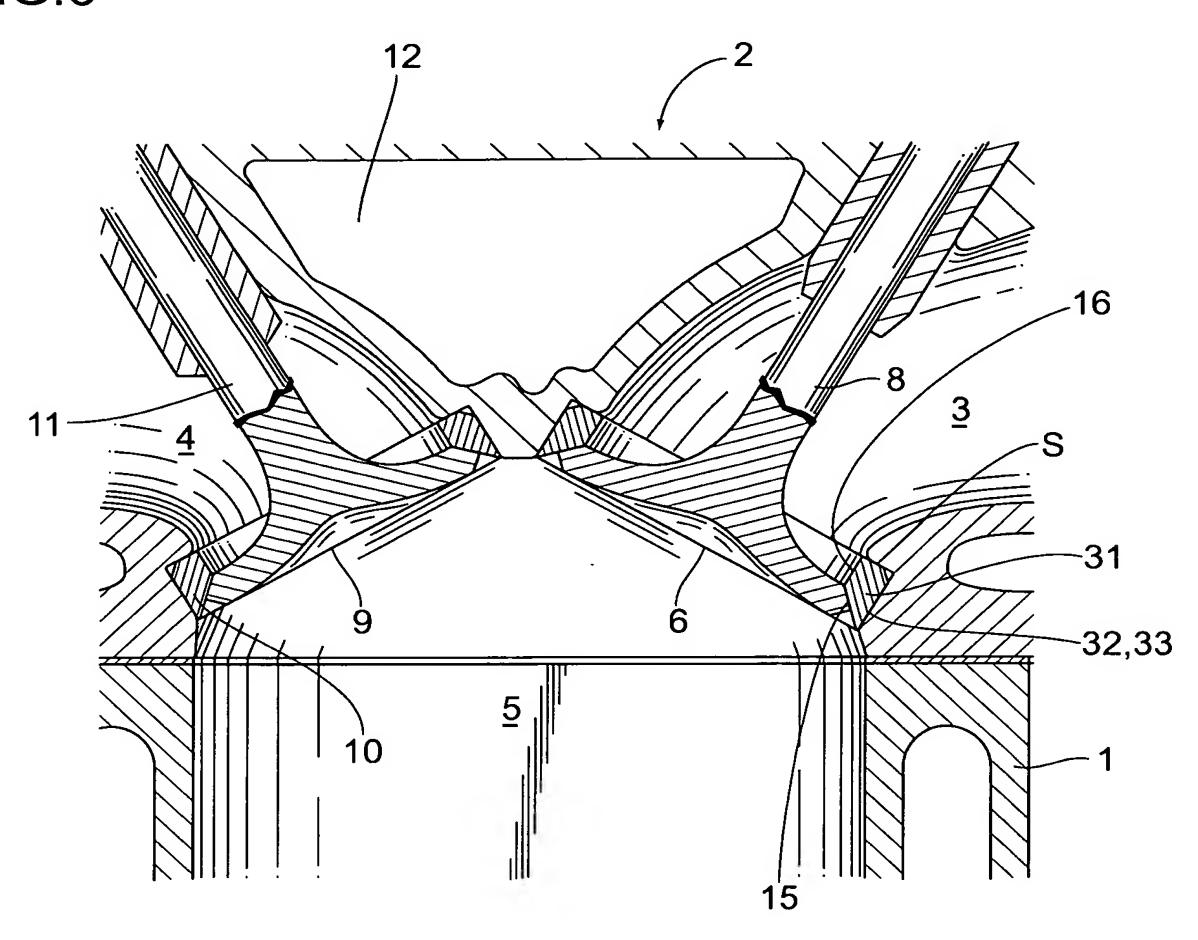
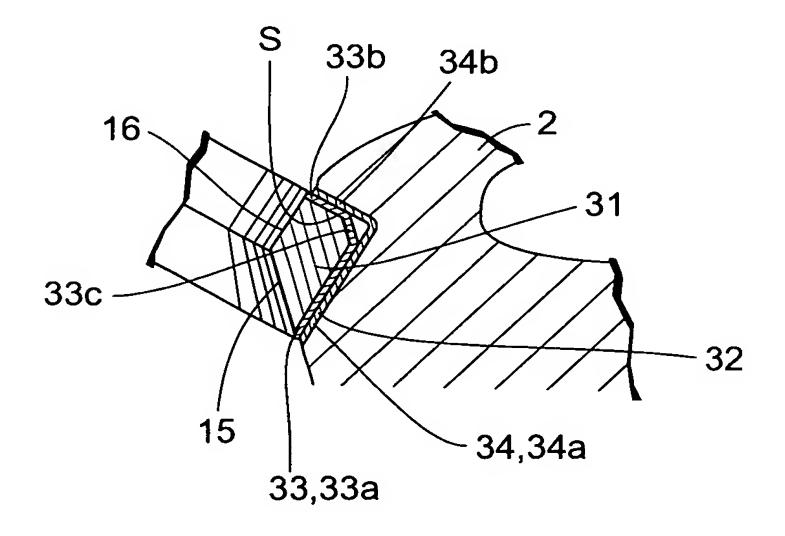


FIG.7



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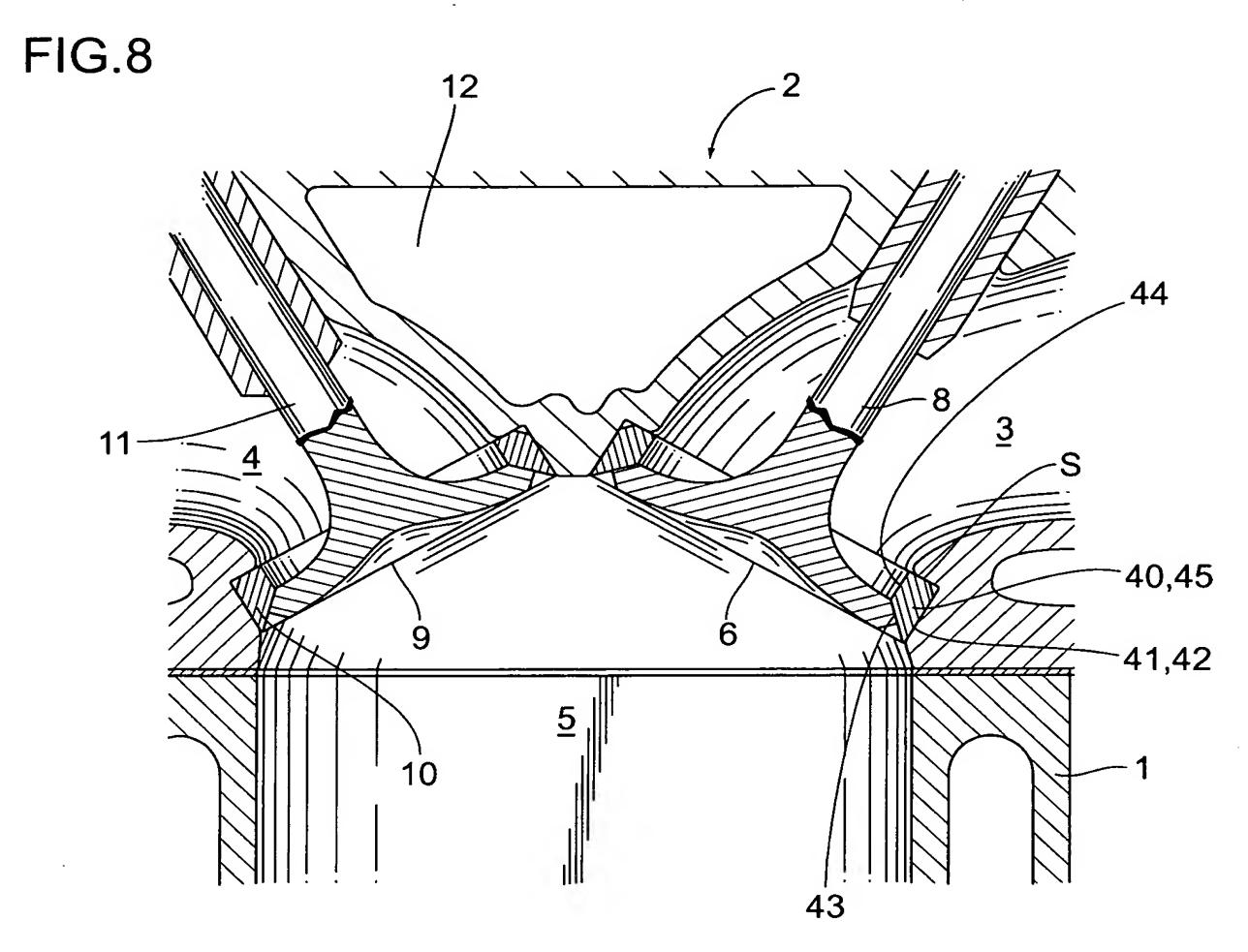
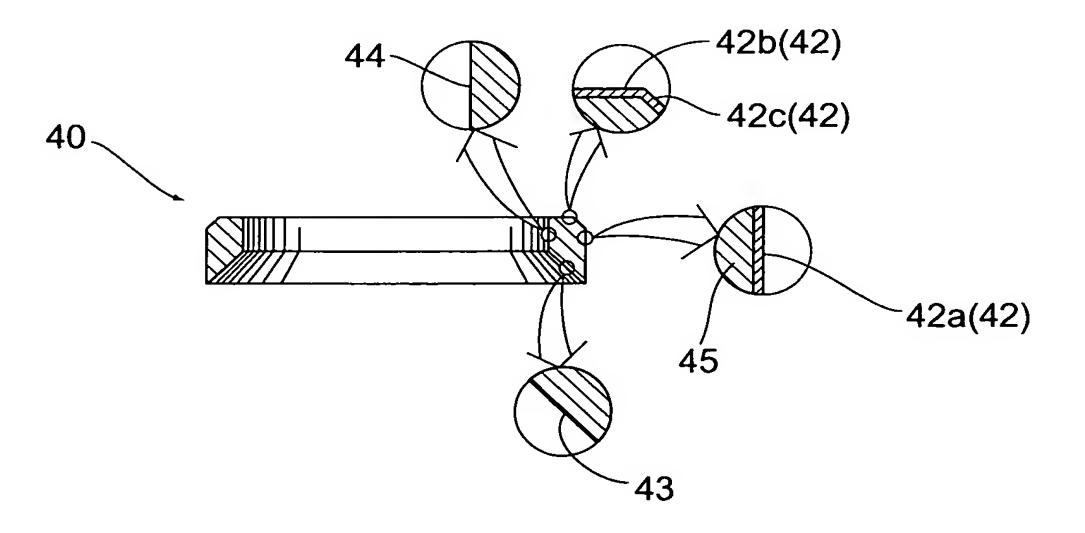


FIG.9



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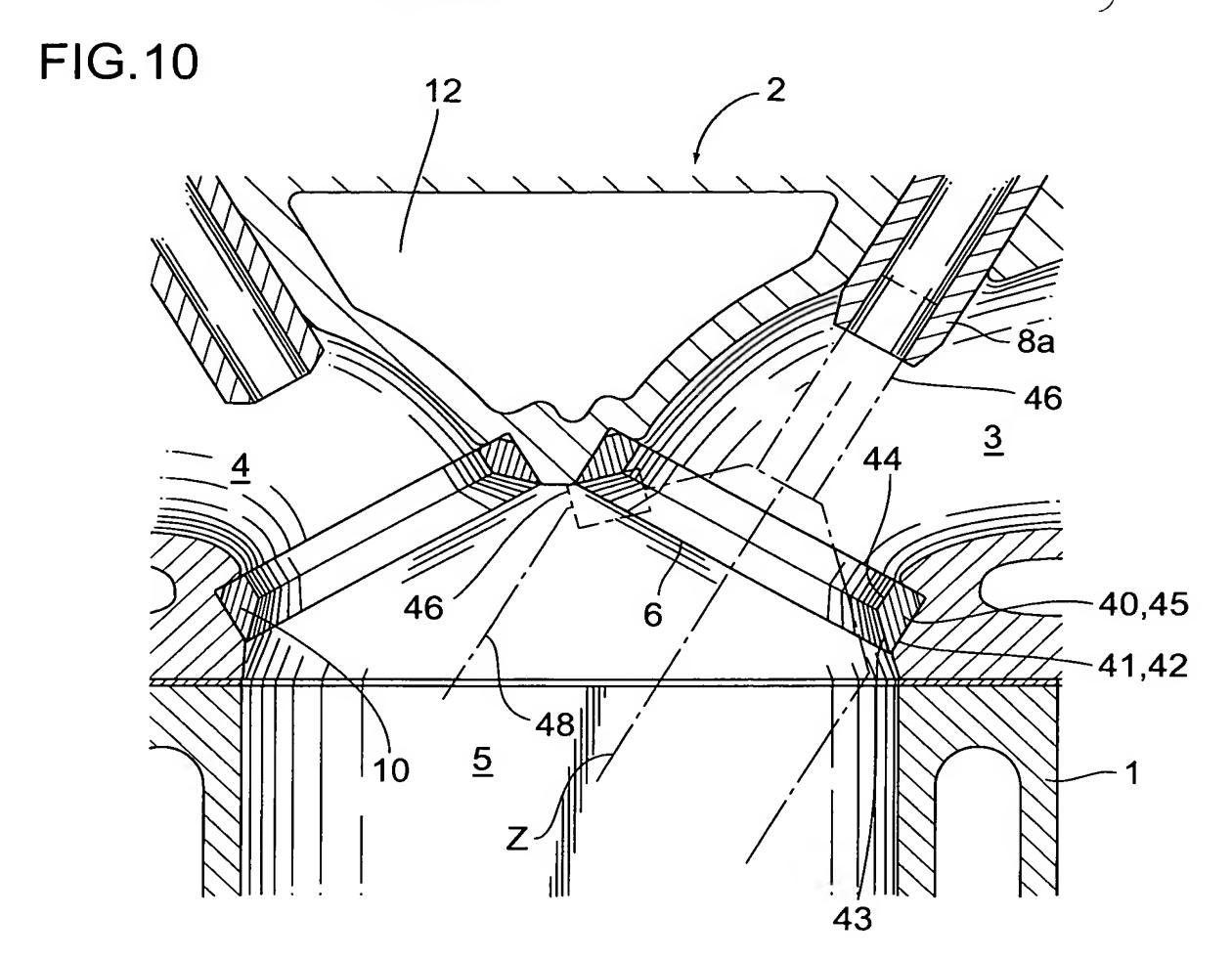
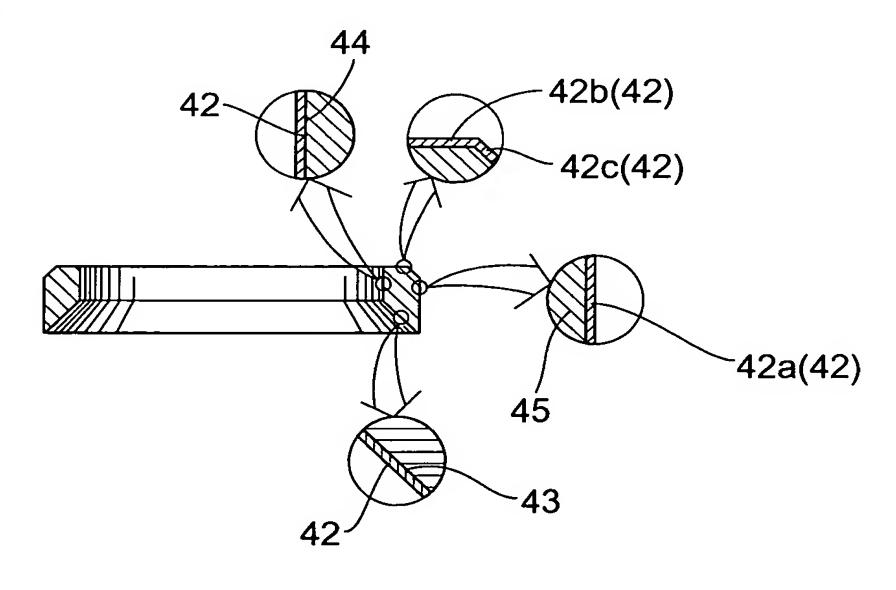


FIG.11



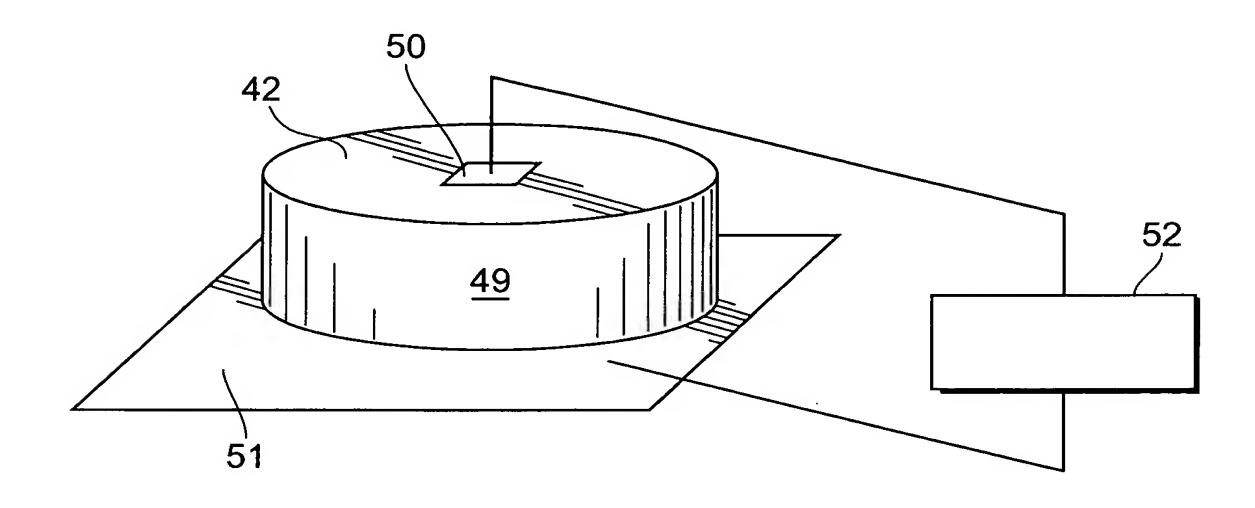
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FIG.12



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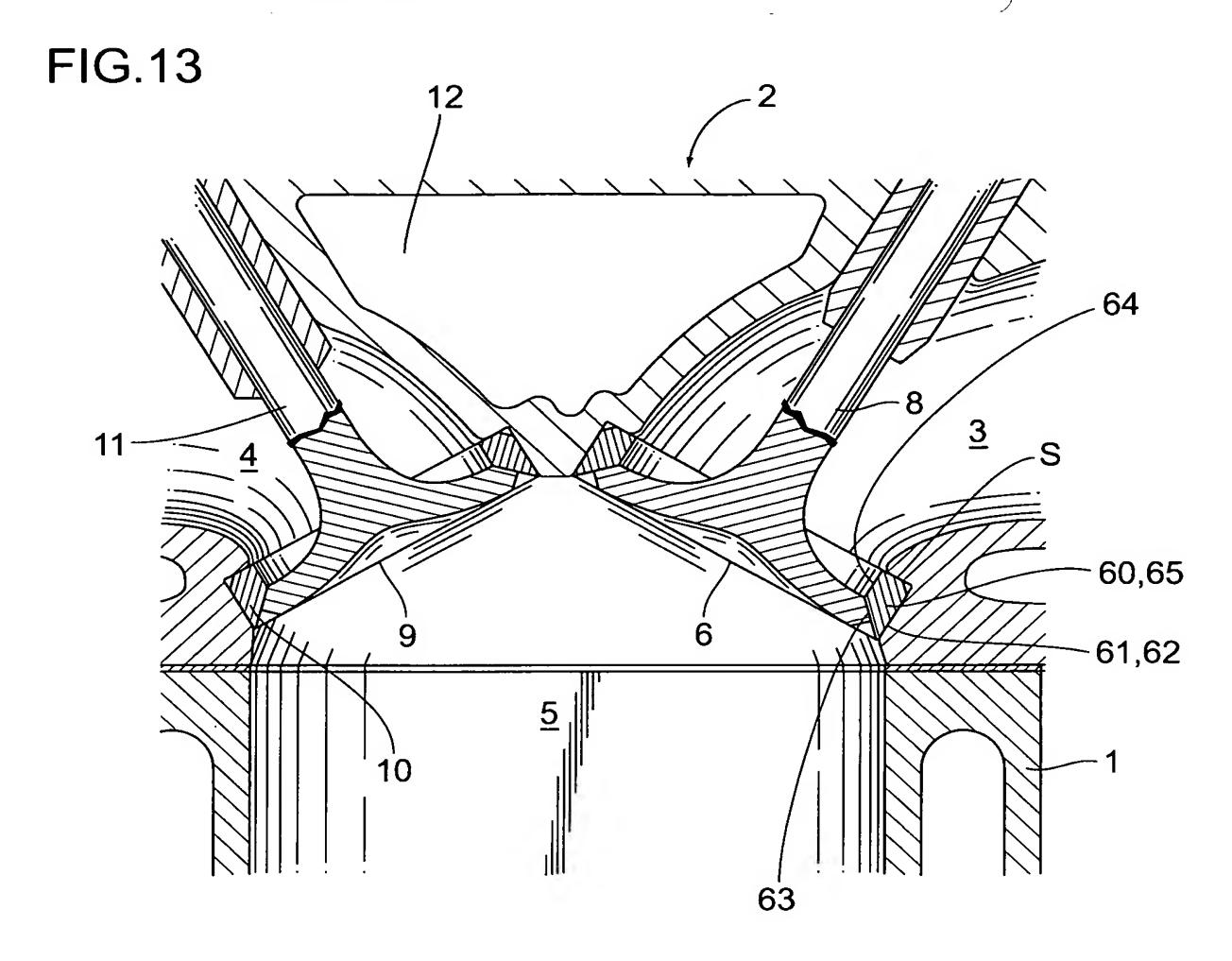
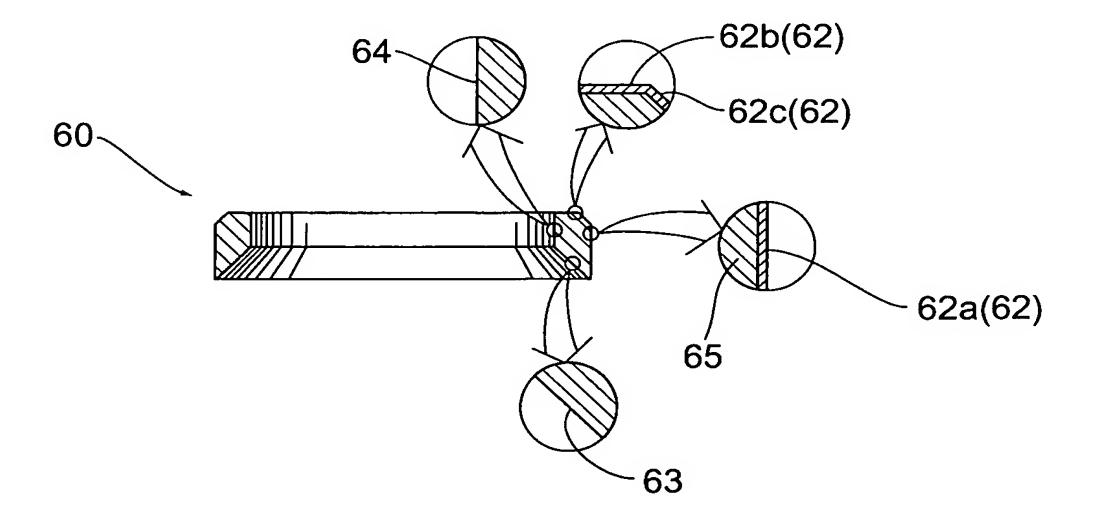


FIG.14



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FIG.15

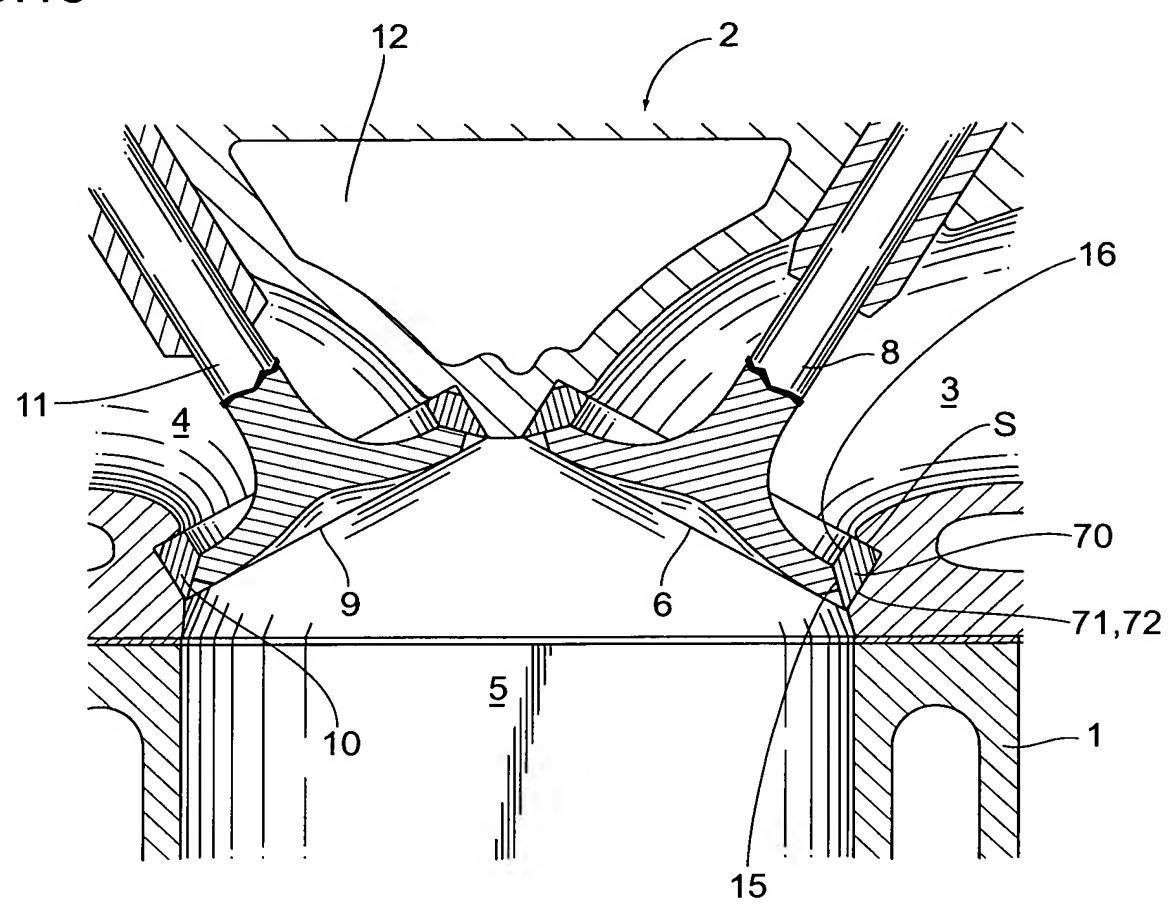


FIG.16

